

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office			Atty. Docket No. 61071-AZ/ JPW/GJG/ACK		Serial No. Not Yet Known								
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					Applicants Samuel J. Danishefsky et al.										
					Filing Date Herewith		Group 1624								
U.S. PATENT DOCUMENTS															
Examiner Initial / Item No.	US	Document Number							Date	Name	Class	Subclass	Filing Date if Appropriate		
FB 1	US	5	7	2	1	3	6	2	2/24/98	Corey					
FB 2	US	6	1	2	4	2	9	2	9/26/00	Corey					
FB 3	US	6	3	4	8	4	6	7	2/19/02	Corey					
FB 4	US	<del>09</del> 6	<del>7</del> 6	<del>5</del> 8	<del>5</del> 6	<del>1</del> 4	<del>5</del> 7	<del>0</del> 0	<del>11/19/01</del> 2/3/04	Danishefsky (Exhibit 1)					
FOREIGN PATENT DOCUMENTS															
		Document Number							Date	Country	Class	Subclass	Translation Yes No		
FB 5	WO	9	9	5	1	2	3	8	10/14/99	PCT					
FB 6	WO	0	0	1	8	2	3	3	4/6/00	PCT					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)															
FB 7	Arai T. et al., "New antibiotics saframycins A, B, C, D and E," <i>J Antibiot. (Tokyo)</i> 1977, Vol. 30, No. 11, p.p. 1015-1018;														
FB 8	Bobbitt, J. et al., "Isoquinolines. III. A New Synthesis of 1,2,3,4-tetrahydro isoquinolines," <i>J. Org. Chem.</i> 1965, Vol. 30, p.p. 2247-2250;														
FB 9	Cabre-Castellvi, J. et al., "Convenient Synthesis of Carboxylic Acid Anhydrides using N,N-Bis[2-oxo-3-oxazol idinyl]phosphorodiamidic Chloride," <i>Synthesis</i> 1981, No. 7, p.p. 616-620;														
FB 10	Caldwell C. et al., "Synthesis of the Lipophilic Side Chain of the Cyclic Hexa-depsipeptide Antibiotic L-156, 602," <i>J. Org. Chem.</i> 1990, Vol. 44, p.p. 2355-2361;														
FB 11	Caron, M. et al., "Highly Enantioselective Solvolyses of L- and D-Phenylalanine p-Nitrophenyl Esters by an L-Histidyl Dipeptide in Surfactant Coaggregates Formed by Cholesterol-Containing Amphiphiles," <i>J. Org. Chem.</i> 1988, Vol. 53, No. 21, p.p. 5187-5189;														
FB 12	Corey, E. et al., "Enantioselective Total Synthesis of Ecteinacidin 743," <i>J. Am. Chem. Soc.</i> 1996, Vol. 118, p.p. 9202-9203;														
FB 13	Danishefsky, S. et al., "Total synthesis of Quinocarcinol Methyl Ester," <i>J. Am. Chem. Soc.</i> 1985, Vol. 107, No. 5, p.p. 1421-1423;														
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FB 14		Fukuyama, T. et al., "Total Synthesis of(±) Saframycin A," <i>J. Am. Chem. Soc.</i> 1990, Vol. 112, No. 8, p.p. 3712-3713;					
FB 15		Fukuyama, T. et al., "A Stereocontrolled Total Synthesis of (±) Reniramycin A," <i>Tetrahedron Lett.</i> 1990, Vol. 31, No. 42, p.p. 5989-5992;					
FB 16		Fukuyama, T. et al., "Stereocontrolled total Synthesis of (±) Saframycin B," <i>J. Am. Chem. Soc.</i> 1982, Vol. 104, No. 118, p.p. 4957-4958;					
FB 17		Gao, Y. et al., "Catalytic Asymmetric Epoxidation and Kinetic Resolution: Modified Procedures Including in Situ Derivatization," <i>J. Am. Chem. Soc.</i> 1987, Vol. 109, No. 18, p.p. 5765-5780;					
FB 18		Guan, Y. et al., "Molecular and crystal structures of ecteinascidins: potent antitumor compounds from the Caribbean tunicate <i>Ecteinascidia turbinata</i> ," <i>J. Biomol Struct. Dyn.</i> 1993, Vol. 10, No. 5, p.p. 793-817;					
FB 19		Kishi, K. et al., "Structure-activity relationships of saframycins," <i>J Antibiot. (Tokyo)</i> 1984, Vol. 37, No. 8, p.p. 847-852;					
FB 20		Kitahara, Y. et al., "Synthesis of 4,7-Indolequinones. The Oxidative Demethylation of 4,7 Dimethoxyindoles with Ceric Ammonium Nitrate," <i>Chem. Phar. Bull. (Japan)</i> 1985, Vol. 33, No. 5, p.p. 2122-2128;					
FB 21		Kubo, A. et al., "Stereoselective total Synthesis of (±) Saframycin B," <i>J. Org. Chem.</i> 1988, Vol. 53, No. 18, p.p. 4295-4310;					
FB 22		Martinez, E. et al., "Phthalascidin, a synthetic antitumor agent with potency and mode of action comparable to ecteinacidin 743," <i>Proc. Natl. Acad. Sci.</i> 1999, Vol. 96, p.p. 3496-3501;					
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FB 23	Medina, E. et al., "Enantioselective synthesis of N-Boc-1-naphthylglycine," <i>Tetrahedron Asym.</i> 1997, Vol. 8, No. 10, p.p. 1581-1586;						
FB 24	Mikami, Y. et al., "Saframycin S, a new saframycin group antibiotic," <i>J. Pharmacobiodyn.</i> 1981, No. 4, p.p. 282-286;						
FB 25	Myers, A. et al. "A concise, Stereocontrolled Synthesis of (-) Saframycin A by the Directed Condensation of a-Amino Aldehyde Precursors," <i>J. Am. Chem. Soc.</i> 1999, Vol. 121, No. 43, p.p. 10828-10829;						
FB 26	Sakai, R. et al., "Additional antitumor ecteinascidins from a Caribbean tunicate: Crystal structures and activities in vivo," <i>Proc. Natl. Acad. Sci.</i> 1992, Vol. 89, p.p. 11456-11460;						
FB 27	Sakai, R. et al., "Ecteinascidins: Putative Biosynthetic Precursors and Absolute Stereochemistry," <i>J. Am. Chem. Soc.</i> 1996, Vol. 118, No. 35, p.p. 9017-9023;						
FB 28	Sharpless, K. B. et al., "The Osmium-Catalyzed Asymmetric Dihydroxylation: A New Ligand Class and a Process Improvement," <i>J. Org. Chem.</i> 1992, Vol., 57, No. 6, p.p. 2768-2771;						
FB 29	Zhou et al., "A novel face specific Mannich closure providing access to the saframycin-ecteinascidin series of piperazine based alkaloids," <i>Tetrahedron Letters</i> 2000, Vol. 41, p.p. 2043-2046;						
FB 30	Zhou et al., "Synthetic explorations in the saframycin ecteinascidin series: construction of major chiral subunits through catalytic asymmetric induction," <i>Tetrahedron Letters</i> 2000, Vol. 41, p.p. 2039-2042.						
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